

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

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January 20, 2011

03-Sac-5-0.0/17.2

03-0F5904

Project ID 0300000094

NH-0056(331)E

Addendum No. 7

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SACRAMENTO COUNTY IN AND NEAR ELK GROVE FROM THE SAN JOAQUIN COUNTY LINE TO FLORIN ROAD OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, January 26, 2011.

This addendum is being issued to revise the Project Plans and the Notice to Bidders and Special Provisions.

Project Plan Sheets 2 and 29 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following is added after the first paragraph:

"The Contractor shall not have disturbed soil area between November 1st and April 15th. Temporary, permanent BMP's and erosion control shall be in place by November 1st every year."

In the Special Provisions, Section 10-1.35, "HOT MIX ASPHALT USING WARM MIX ASPHALT TECHNOLOGIES," subsection "MATERIALS," the following is added after the second paragraph:

"Asphalt Rubber Binder Content

Determine the amount of asphalt rubber binder to be mixed with the aggregate for RHMA-G using warm mix asphalt technologies under California Test 367 except:

1. Determine the specific gravity used in California Test 367, Section B, "Void Content of Specimen," using California Test 308, Method A.
2. California Test 367, Section C, "Optimum Bitumen Content," is revised as follows:
 - 2.1. Base the calculations on the average of 3 briquettes produced at each asphalt rubber binder content.
 - 2.2. Use California Test 309 to determine theoretical maximum specific gravity and density of the RHMA-G using warm mix asphalt technologies.

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- 2.3. Plot asphalt rubber binder content versus average air voids content based on California Test 309 for each set of three specimens on Form TL-306 (Figure 3), and connect adjacent points with a best-fit curve.
 - 2.4. Plot asphalt rubber binder content versus average Hveem stability for each set of three specimens and connect adjacent points with a best-fit curve.
 - 2.5. Calculate voids in mineral aggregate (VMA) and voids filled with asphalt (VFA) for each specimen, average each set, and plot the average versus asphalt rubber binder content.
 - 2.6. Calculate the dust proportion and plot versus asphalt rubber binder content.
 - 2.7. From the curve plotted in Step 2.3, select the theoretical asphalt rubber binder content that has 5.0 percent air voids.
 - 2.8. At the selected asphalt rubber binder content, evaluate corresponding voids in mineral aggregate, voids filled with asphalt, and dust proportion to verify compliance with requirements. If necessary, develop an alternate composite aggregate gradation to conform to the RHMA-G using warm mix asphalt technologies requirements.
 - 2.9. Record the asphalt rubber binder content in Step 2.7 as the Optimum Bitumen Content (OBC).
 - 2.10. To establish a recommended range, use the OBC as the high value and 0.3 percent less as the low value. Notwithstanding, the recommended range must not extend below 7.0 percent. If the OBC is 7.0 percent, then there is no recommended range, and 7.0 percent is the recommended value.
3. Laboratory mixing and compaction must comply with California Test 304, except the mixing temperature of the aggregate must be between 300 °F and 325 °F. The mixing temperature of the asphalt-rubber binder must be between 375 °F and 425 °F. The compaction temperature of the combined mixture must be between 290 °F and 300 °F."

In the Special Provisions, Section 10-1.43, "REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)," subsection "GENERAL," the following paragraph is added after the first paragraph:

"For the Meadowview Road/Pocket Road Overcrossing, Florin Road Overcrossing and lane 2 from Station "B" 790+90.7 to "B" 799+00.0 and Station "B" 916+00.0 to "B" 925+48.6, northbound, and Station "B" 790+35.7 to "B" 799+00.0 and Station "B" 916+00.0 to "B" 924+38.4, southbound, this work includes removing existing concrete pavement, underlying cement treated base, lime treated sub-base and any additional excavation as shown on the plans."

In the Special Provisions, Section 10-1.43, "CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)," subsection "MEASUREMENT AND PAYMENT," the following paragraph is added after the third paragraph:

"Full compensation for removing and disposing of existing concrete pavement, underlying cement treated base, lime treated sub-base, and any additional excavation, as shown on the plans, for Meadowview Road/Pocket Road Overcrossing, Florin Road Overcrossing, and lane 2 from Station "B" 790+90.7 to "B" 799+00.0, Station "B" 916+00.0 to "B" 925+48.6, northbound, and Station "B" 790+35.7 to "B" 799+00.0, Station "B" 916+00.0 to "B" 924+38.4, southbound, is included in the contract price paid per cubic yard for replace concrete pavement (Rapid Strength Concrete) and no additional compensation will be allowed therefor."

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To Bid book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum is available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-0F5904

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



JODY JONES
District Director